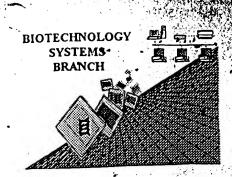
0590

# RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	09/991900
Source:	OIPE
Date Processed by STIC:	1/08/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 c-mail help: <a href="mailto:patin21help@uspto.gov">patin21help@uspto.gov</a> or phone 703-306-4119 (R. Wax) PATENTIN 3.0 c-mail help: <a href="mailto:patin3help@uspto.gov">patin3help@uspto.gov</a> or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

### Raw Sequence Listing Error Summary

ERROR DETECTED	SUCCESTED CORRECTION SERIAL NUMBER: 09/59/900:
ATTN: NEW RULES CASI	ES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY P
IWrapped Nucleics Wrapped Aminos	The numberAext at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to 3; this will prevent "wrapping."
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
SVariable Length.	Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6Patentin 2.0 "bug"	A "bug" in Patentin version 2.0 has equised the <220> <223> section to be missing from amino acid sequences(s) Normally, Patentin would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220> <223> section to the subsequent amino acid sequence. This applies to the mandatory <220> <223> sections for Artificial or Unknown sequences.
7Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped
<i></i>	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to Include the skipped sequences.
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If Intentional, please insert the following lines for each skipped sequence 210> sequence id number
# 1 W	<100> sequence id number 000
9Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing.  Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents
10Invalid <213> Response	Per 1.823 of Sequence Rules, the only valld <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown is Artificial Sequence
Usc of <220>	Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.  Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or  "Unknown:"-Please explain source of genetic material in <220> to <223> section.  (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
Patentin 2.0 "bug"	Please do not use "Copy to Disk" function of Patentln version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13Misuse of n	'n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

AMC/MH - Biotechnology Systems Branch - 08/21/2001

## OIPE

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DATE: 11/08/2001
                     RAW SEQUENCE LISTING
                     PATENT APPLICATION: US/09/981,900
                                                              TIME: 13:18:37
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                     Output Set: N:\CRF3\11082001\1981900.raw
      3 <110> APPLICANT: Sticklen, Masomeh B
              Maqbool, Shahina B
              Dale, Bruce E
      7 <120> TITLE OF INVENTION: TRANSGENIC PLANTS CONTAINING LIGNINASE AND CELLULASE WHICH
DEGRADE LIGNIN
              AND CELLULOSE TO FERMENTABLE SUGARS
     10 <130> FILE REFERENCE: MSU 4.1-539
                                                                      Does Not Comply
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/981,9000 €
                                                                  Corrected Diskette Needed
C--> 12 <141> CURRENT FILING DATE: 2001-10-18 ov
     12 <150> PRIOR APPLICATION NUMBER: 60/242,408
     13 <151> PRIOR FILING DATE: 2000-10-20
     15 <160> NUMBER OF SEQ ID NOS: 22
     17 <170> SOFTWARE: PatentIn version 3.1
     19 <210> SEO ID NO: 1
     20 <211> LENGTH: 1110
     21 <212> TYPE: DNA
     22 <213> ORGANISM: Oryza sativa
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                                                                              120 ....
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     29 coggectecg eggetegage geogtgeeat eegateeget gagttttgge tatttataeg
                                                                              180
     31 taccgcggga gcctgtgtgc agagagtgca tctcaagaag tactcgagca aagaaggaga
                                                                              240
     33 gagettggtg agetgeagag atggeeecet eegtgatgge gtegteggee accaeegteg
                                                                              300
     35 ctcccttcca gggctcaagt ccaccgccgg catgccgtcg cccgccgtcc gaactccagc
                                                                              360 -
     37 ttcgqcaacg tcagcatggc ggcaggatca ggtgcatgca ggtaattacc tactgatcca
                                                                              420
     39 acacacattc ttcttcttct tcttcttctt aaccaacatt aaccaacaac tcaattatcg
                                                                              480
     41 tttattcatt gaggtgtggc cgattgaggg catcaagaag ttcgagaccc tctcctacct
                                                                              540
     43 gecacegete accetegage accteetgaa geagategag tacetagete egtteeaagt
                                                                              600
     45 ggtgccctgc ctcgagttca gcaaggtcgg atttgtctac cgtgagaacc acaagtcccc
                                                                              660
     47 tggatactac gacggcaggt actggaccat gtggaagctg cccatgttcg ggtgcaccga
                                                                              720
     49 cgccacccag gtcgtcaagg agctcgagga ggccaagaag gcgtaccctg atgcattcgt
                                                                              780
                                                                              840
     51 ccqtatcatc qqcttcqaca acqttaqqca qqtqcaqctc atcaqcttca tcqcctacaa
     53 cccqqqctqc qagqagtctg qtqqcaacta aqccqtcatc gtcatatata gcctcqttta
                                                                              900
                                                                              960
     55 attgttcatc tetgattega tgatgtetee cacettgttt egtgtgttee cagtttgttt
     57 categietti tgattitaee ggeegigete igettitgii tittettite aeeigattei
                                                                             1020
     59 ctctctgact tgatgtaaga gtggtatctg ctacgactat atgttgtttg ggtgaggcat
                                                                             1080
                                                                             1110
     61 atgtgaatga aatctatgaa agctccggct
     64 <210> SEQ ID NO: 2
     65 <211> LENGTH: 38
     66 <212> TYPE: PRT
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    75 Gln Gly Ser Ser Pro Pro Pro Ala Cys Arg Arg Pro Pro Ser Glu Leu
                                        25
    76
                    20
    79 Gln Leu Arg Gln Arg Gln
                35
```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/981,900

DATE: 11/08/2001 TIME: 13:18:37

Input Set : A:\es.txt > Errored Synthetic pertide is not a walled below a bulent of response of some partially received as personnes.

213 response of some partially responses.

peroxisomes of plant Output Set: N:\CRF3\11082001\I981900.raw 83 <210> SEQ ID NO: 3 84 <211> LENGTH: 6 85 <212> TYPE: PRT 86 <213> ORGANISM synthetic peptide 88 <220> FEATURE ( 89 <221> NAME/KEY: SIGNAL 90 <222> LOCATION: (1)..(6) 91 <223> OTHER INFORMATION: targets the peroxisomes of plants 94 <400> SEQUENCE: 3 96 Arg Ala Val Ala Arg Leu 97 1 100 <210> SEQ ID NO: 4 101 <211> LENGTH: 3004 102 <212> TYPE: DNA 103 <213> ORGANISM: Acidothermus cellulolyticus 105 <220> FEATURE: 106 <221> NAME/KEY: CDS 107 <222> LOCATION: (824)..(2512) 108 <223> OTHER INFORMATION: E I beta-1,4-endoglucanase precursor 111 <400> SEQUENCE: 4 112 ggatccacgt tgtacaaggt cacctgtccg tcgttctggt agagcggcgg gatggtcacc 60 114 cgcacgatct ctcctttgtt gatgtcgacg gtcacgtggt tacggtttgc ctcggccgcg 120 116 attttcgcgc tcgggcttgc tccggctgtc gggttcggtt tggcgtggtg tgcggagcac 180 118 geegaggega teccaatgag ggeaagggea agageggage egatggeaeg tegggtggee 240 300 120 gatgqqqtac qecqatqqqq cqtqqcqtcc ccqccqcqqa cagaaccgqa tqcggaatag 122 gtcacggtgc gacatgttgc cgtaccgcgg acccggatga caagggtggg tgcgcqqqtc 360 124 gcctqtqaqc tqccqqctqq cqtctqgatc atgggaacga tcccaccatt ccccgcaatc 420 480 126 gacgcgatcg ggagcagggc ggcgcgagcc ggaccgtgtg gtcgagccgg acgattcgcc 128 catacggtgc tgcaatgccc agcgccatgt tgtcaatccg ccaaatgcag caatgcacac 540 600 130 atggacaggg attgtgactc tgagtaatga ttggattgcc ttcttgccgc ctacgcgtta 660 132 cgcagagtag gcgactgtat gcggtaggtt ggcgctccag ccgtgggctg gacatgcctg 720 134 ctqcqaactc ttqacacqtc tgqttqaacq cgcaatactc ccaacaccga tgggatcgtt 136 cccataagtt tccgtctcac aacagaatcg gtgcgccctc atgatcaacg tgaaaggagt 780 138 acgggggaga acagacgggg gagaaaccaa cggggggattg gcg gtg ccg cgc gca 835 Val Pro Arg Ala 139 140 883 142 ttg cgg cga gtg cct ggc tcg cgg gtg atg ctg cgg gtc ggc gtc gtc 143 Leu Arg Arg Val Pro Gly Ser Arg-Val Met Leu Arg-Val-Gly-Val-Val 15 146 gtc gcg gtg ctg gca ttg gtt gcc gca ctc gcc aac cta gcc gtg ccg 931 147 Val Ala Val Leu Ala Leu Val Ala Ala Leu Ala Asn Leu Ala Val Pro 25 30 979 150 cqq ccq qct cgc qcc gcg ggc ggc tat tgg cac acg agc ggc cgg 151 Arg Pro Ala Arg Ala Ala Gly Gly Gly Tyr Trp His Thr Ser Gly Arg

1027

1075

40

154 gag atc ctg gac gcg aac aac gtg ccg gta cgg atc gcc ggc atc aac 155 Glu Ile Leu Asp Ala Asn Asn Val Pro Val Arg Ile Ala Gly Ile Asn 156 55 60 65

158 tqq ttt qqq ttc qaa acc tqc aat tac qtc qtq cac qqt ctc tqq tca

152

RAW SEQUENCE LISTING DATE: 11/08/2001 PATENT APPLICATION: US/09/981,900 TIME: 13:18:37

Input Set : A:\es.txt

Output Set: N:\CRF3\11082001\1981900.raw

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	cgc		tac	cac	алс	atα		gac	cag	ata	ааσ		ctc	aac	tac	aac	1123
	Arg																1123
	_	ASP	TAT	AIG	ser		Leu	ASP	GIII	116		ser	Leu	GIY	тут		
164						90					95					100	
	aca			_	_			_	_			-	_				1171
167	Thr	Ile	Arg	Leu	Pro	Tyr	Ser	Asp	Asp	Ile	Leu	Lys	Pro	Gly	$\mathtt{Thr}$	Met	
168					105					110					115		
170	ccg	aac	agc	atc	aat	ttt	tac	cag	atg	aat	cag	gac	ctg	cag	ggt	ctg	1219
	Pro																
172				120			-		125			-		130	-		
	acg	tcc	tta		atc	atσ	gac	aaa		atc	aca	tac	acc	aat	саσ	atc	1267
	Thr																120,
	1111	Ser	135	GIII	va1	Hec	изъ	140	116	Vai	AIG	TYT	145	OLY	OIII	110	
176																	1215
	ggc																1315
	Gly		Arg	IIe	Ile	Leu	_	Arg	His	Arg	Pro	-	Cys	ser	СТĀ	GIn	
180		150					155					160					
	tcg																1363
183	Ser	Ala	Leu	Trp	Tyr	Thr	Ser	Ser	Val	Ser	Glu	Ala	Thr	Trp	Ile	Ser	
184	165					170					175					180	
186	qac	cta	caa	qcq	ctq	qcq	caq	cqc	tac	aaq	qqa	aac	ccq	acq	qtc	gtc	1411
	Ãsp																
188					185			3	- 4 -	190	- 1	-	_		195		
	ggc	+++	aac	ttα		aac	πaπ	cca	cat		cca	acc	tac	taa		tac	1459
	Gly		_	_				_		-	_	-	_			_	1433
	GIY	Pile	АБР		птэ	ASII	Giu	PIO		кър	PIO	Ата	Cys		GIY	Cys	
192				200					205					210			1507
	ggc																1507
	Gly	Asp		Ser	ITe	Asp	Trp	_	Leu	Ala	Ala	Glu	_	Ala	GTĀ	Asn	
196			215					220					225				
	gcc																1555
199	Ala	Val	Leu	Ser	Val	Asn	Pro	Asn	Leu	Leu	Ile	Phe	Val	Glu	Gly	Val	
200		230					235					240					
202	cag	agc	tac	aac	qqa	qac	tcc	tac	tgg	tgg	qqc	qqc	aac	ctg	caa	gga	1603
	Gln	-				-								_			
	245		- 1		- 1	250		4	_	-	255	1				260	
	gcc	aac	car	tac	cca		ata	cta	aac	αtα		aac	cac	cta	ata		1651
	Ala																1031
208		- ·	<u></u>														
	+	~~~															1699
210	tcg	geg	cac	gac	Lac	geg	acg	ayc	910	Lac	Descri	Cay	acy	Lgg	רונט	ayc	1099
	Ser	Ala	HlS		Tyr	Ата	Thr	ser		Tyr	Pro	GIn	Thr		Pne	ser	
212				280					285					290			
	gat																1747
215	Asp	Pro	Thr	Phe	Pro	Asn	Asn		Pro	Gly	Ile	$\mathtt{Trp}$		Lys	Asn	Trp	
216			295					300					305				
218	gga	tac	ctc	ttc	aat	cag	aac	att	gca	ccg	gta	tgg	ctg	ggċ	gaa	ttc	1795
	Gly																
220	-	310					315					320		_			
	ggt		aça	cta	caa	tcc	acq	acc	gac	caq	acq	taa	cta	aaq	acq	ctc	1843
	Gly																
	1								T-			- 1					

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/981,900

DATE: 11/08/2001
TIME: 13:18:37

Input Set : A:\es.txt

Output Set: N:\CRF3\11082001\I981900.raw

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224	325					330					335					340	
	gtc c	aσ	tac	cta	cqq	ccq	acc	qcq	caa	tac	ggt	qcq	gac	agc	ttc	cag	1891
	Val G																
228			-		345					350	-		-		355		
	tgg a	CC	ttc	taa	tcc	taa	aac	ccc	gat	tcc	qqc	qac	aca	gga	gga	att	1939
	Trp T																
232				360		•			365		-	•		370	-		
	ctc a	aσ	gat	qac	tqq	caq	acq	gtc	qac	aca	qta	aaa	qac	qqc	tat	ctc	1987
	Leu L																
236		-	375	-	•			380	-			_	385	_	-		
238	gcg c	cq	atc	aag	tcg	tcg	att	ttc	gat	cct	gtc	ggc	gcg	tct	gca	tcg	2035
	Ala P																
240	3	90		_			395					400					
242	cct a	gc	agt	caa	ccg	tcc	ccg	tcg	gtg	tcg	ccg	tct	ccg	tcg	ccg	agc	2083
243	Pro S	er	Ser	Gln	Pro	Ser	Pro	Ser	Val	Ser	Pro	Ser	Pro	Ser	Pro	Ser	
244	405					410					415					420	
246	ccg t	cg	gcg	agt	cgg	acg	ccg	acg	cct	act	ccg	acg	ccg	aca	gcc	agc	2131
247	Pro S	er	Ala	Ser	Arg	Thr	Pro	Thr	Pro	Thr	Pro	Thr	Pro	Thr	Ala	Ser	
248					425					430					435		
250	ccg a	cg	cca	acg	ctg	acc	cct	act	gct	acg	ccc	acg	CCC	acg	gca	agc	2179
251	Pro T	hr	Pro	Thr	Leu	Thr	Pro	Thr	Ala	Thr	Pro	Thr	Pro	Thr	Ala	Ser	
252				440					445					450			
254	ccg a	сg	ccg	tca	ccg	acg	gca	gcc	tcc	gga	gcc	cgc	tgc	acc	gcg	agt	2227
255	Pro T	hr	Pro	Ser	Pro	Thr	Ala	Ala	Ser	Gly	Ala	Arg	Cys	Thr	Ala	Ser	
256			455					460					465				
	tac c																2275
259	Tyr G	ln	Val	Asn	Ser	Asp	${\tt Trp}$	Gly	Asn	Gly	Phe		Val	Thr	Val	Ala	
260		70					475					480					
	gtg a																2323
	Val T	hr	Asn	Ser	Gly		Val	Ala	Thr	Lys		$\mathtt{Trp}$	Thr	Val	Ser		
	485					490					495					500	0084
	aca t																2371
	Thr P	he	GLY	GLy		GIn	Thr	He	Thr		Ser	Trp	Asn	Ala		Val	
268					505					510					515		2410
	acg c																2419
	Thr G	Τn	Asn	-	GIN	ser	vaı	Thr		Arg	Asn	мет	ser		ASII	ASII	
272		- L-		520			******		525	++.~	~~~	++~	~~~	530	200	+-+	2467
	Val I															tat	2.4.0./
275	val 1	те	535	PIO	СТА	GTII	ASII	540	TIIT	PHE	СТУ	PHE	545	міа	ser	TAT	
	acc g	~ ~		220	σοσ	~~~	aaa		ata	aaa	tac	a a a		ant	taa		2512
	Thr G														Lau		2312
280		ту 50	Ser	ASII	AIU	niu	555	1111	VUI	niu	Cys	560	mu	DCI			
	tacgt		аа а	מרכנ	racoo	ror ac		ירממז	n ddd	rteac	ttc		actt	cc a	iccta	tagaa	2572
																ccgcc	2632
	atctc																2692
	gtgcc																2752
	ggagc																2812
	agacca																2872
	J U.		, ,			,	_							_		-	

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/981,900

DATE: 11/08/2001 TIME: 13:18:37

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Output Set: N:\CRF3\11082001\1981900.raw

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			YPE:		-												
					Aci	dothe	ermus	s cel	llulo	olvt:	icus						
			EQUE							-							
						Arq	Arq	Val	Pro	Gly	Ser	Arq	Val	Met	Leu	Arq	
309					5	_				10		_			15	•	
312	Val	Gly	Val	Val	Val	Ala	Val	Leu	Ala	Leu	Val	Ala	Ala	Leu	Ala	Asn	
313				20					25					30			
316	Leu	Ala	Val	Pro	Arg	Pro	Ala	Arg	Ala	Ala	Gly	Gly	Gly	Tyr	Trp	His	
317			35					40					45				
320	Thr	Ser	Gly	Arg	Glu	Ile	Leu	Asp	Ala	Asn	Asn	Val	Pro	Val	Arg	Ile	
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324	Ala	Gly	Ile	Asn	Trp	Phe	Gly	Phe	Glu	Thr		Asn	Tyr	Val	Val		
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337	_		115	_	1	_	_	120			<b>.</b>		125	**- 7		m	
	Leu		GTA	Leu	Thr	ser		GIn	vaı	мет	Asp		ше	vaı	Ala	Tyr	
341	3 1 -	130	a1.	т1.	<b>01</b>	T	135	T1.	т1 ^	T 011	7	140	1114 ~	7 200	Dwo	N an	
		GIY	GIII	TTE	GTA	150	Arg	тте	116	ьeu	155	Arg	HIS	AIG	Pro	160	
	145 Cvc	Cor	C117	Cln	Cor		LOU	Trn	Фиг	Фhr		Sor	Wa 1	Sar	Glu		
349	СуБ	ser	СТУ	GIII	165	ніа	Leu	тър	тут	170	Ser	261	Val	261	175	AIG	
	Thr	Trn	Tle	Ser		T.e.11	Gln	Δla	T.e.ii		Gln	Ara	Tvr	Lvs	Gly	Asn	
353	1111	111	110	180	шэр	пси	0111	mu	185	1114	0111	*** 9	-1-	190			
	Pro	Thr	Va l		Glv	Phe	Asp	Leu		Asn	Glu	Pro	His		Pro	Ala	
357			195		0-1			200					205				
	Cvs	Trp		Cys	Gly	Asp	Pro		Ile	Asp	Trp	Arq		Ala	Ala	Glu	
361	- 4	210	-	, -	-	-	215			-	-	220					
364	Arg														Ile		
365	225					230					-2-3-5	-				-240	
368	Val	Glu	Gly	Val	Gln	Ser	Tyr	Asn	Gly	Asp	Ser	Tyr	Trp	Trp	Gly	Gly	
369					245					250					255		
372	Asn	Leu	Gln	Gly	Ala	Gly	Gln	Tyr	Pro	Val	Val	Leu	Asn	Val	Pro	Asn	
373				260					265					270			
376	Arg	Leu	Val	$\mathtt{Tyr}$	Ser	Ala	His		$\mathtt{Tyr}$	Ala	Thr	Ser		$\mathtt{Tyr}$	Pro	Gln	
377			275					280					285				
	Thr	_	Phe	Ser	Asp	Pro		Phe	Pro	Asn	Asn		Pro	Gly	Ile	Trp	
381		290					295				_	300		_		_	
		Lys	Asn	Trp	Gly		Leu	Phe	Asn	Gln		Ile	Ala	Pro	Val		
385			~ 3	-1	<b>a</b> 3	310	m1	_	<b>a</b> 3	<b>a</b> .	315	m1		<b>a</b> ?	m1	320	
388	Leu	GLY	GLu	Phe	СŢУ	Thr	Thr	Leu	Gln	Ser	Thr	Thr	Asp	GIn	Thr	T'rp	

### VERIFICATION SUMMARY

DATE: 11/08/2001

PATENT APPLICATION: US/09/981,900

TIME: 13:18:38

Input Set : A:\es.txt

Output Set: N:\CRF3\11082001\1981900.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  $L\!:\!510$   $M\!:\!341$   $W\!:$  (46) "n" or "Xaa" used, for SEQ ID#:6 L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 L:518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 L:519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 L:672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  $L:680 \ M:341 \ W: (46)$  "n" or "Xaa" used, for SEQ ID#:7 L:720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7